DETAILED ACTION

Priority

1.   Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers

have been placed of record in the file.

Drawings

2.   The drawings filed on 2/27/2006 are accepted by the Examiner.

EXAMINER'S AMENDMENT

3.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Mark Pratt on 4/9/2010.

In the claims:

Claim 1, line 2, change "wireless stations are each capable of transmitting a signal to a

receiving station," to --wireless stations are each capable of signal transmission to a receiving

station,--.

Claim 22, line 2, change "wireless stations" to --wireless stations capable of signal

transmission--.

Claim 23, lines 1-4 have been amended to --A method for use in a wireless transmission system that includes a plurality of wireless stations, each wireless station is capable of signal transmission to a receiving station, wherein a path diversity system is formed by at least one of the wireless stations, a multipath channel and the--.

Claim 24, lines 1-4 have been amended to --A method for use in a wireless transmission including a plurality of wireless stations wherein each wireless station is capable of signal transmission to a receiving station, wherein a path diversity system is formed by at least one of the wireless stations, a multipath channel and the--.

Claim 25, line 2, change "wireless stations" to --wireless stations capable of signal transmission--.

REASONS FOR ALLOWANCE

4.   Claims 1-20 and 22-25 are allowed.

5.   The following is an examiner's statement of reasons for allowance: The present invention discloses a wireless transmission system in which a plurality of wireless stations each transmit a signal to a receiving station. The prior art of record discloses a similar system, but fails to disclose when a number of transmitter-side wireless stations is larger than the predetermined maximum number of effective branches, the number of signal-receiving timings at which the receiving station receives signals is made equal to the predetermined maximum number of effective branches. This limitation distinguishes the independent claims over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DAVID HUANG whose telephone number is (571)270-1798. The examiner can normally be reached on Monday - Friday, 8:00 a.m. - 5:00 p.m., EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Shuwang Liu can be reached on (571) 272-3036. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

DSH/dsh
4/9/2010
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